



# Information Sharing for betterment of Healthcare in Washington State

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State of Washington's Own Company!  
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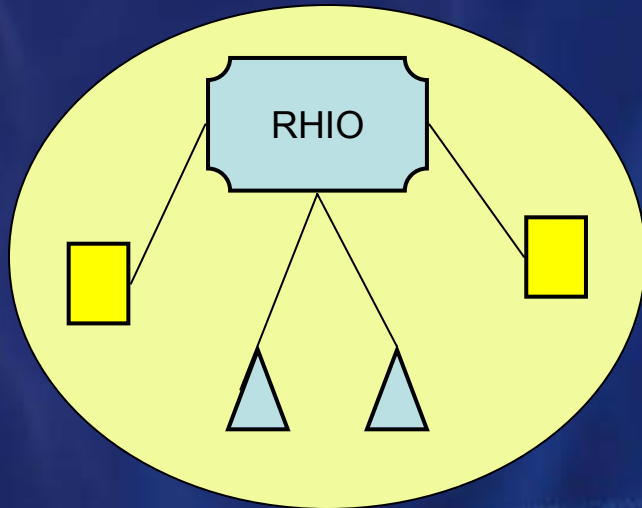
# Agenda

- Health Information Network
  - Goals
  - Models
- Recommendations
- Demo
- Deployment

# Key Goals - Provider Perspective

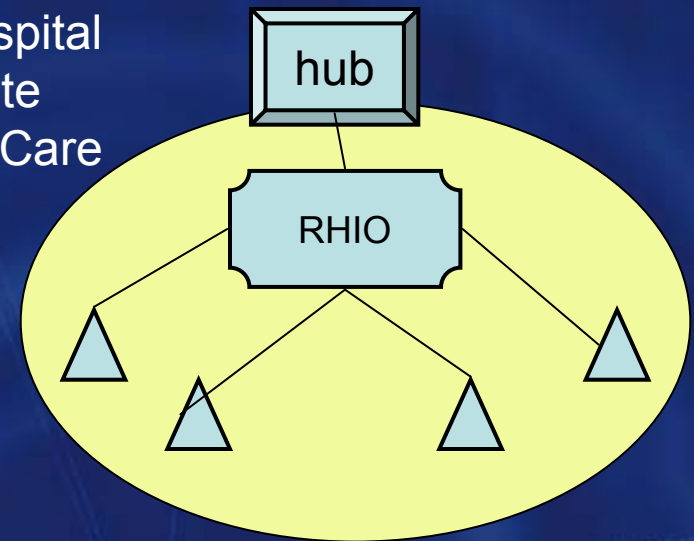
- A successful network is one that helps achieve
  - Significant gains in provider efficiency and productivity
  - Overall Improved Patient Experience
  - Overall Improvement in Quality of Care

# Models for starting a HI Network

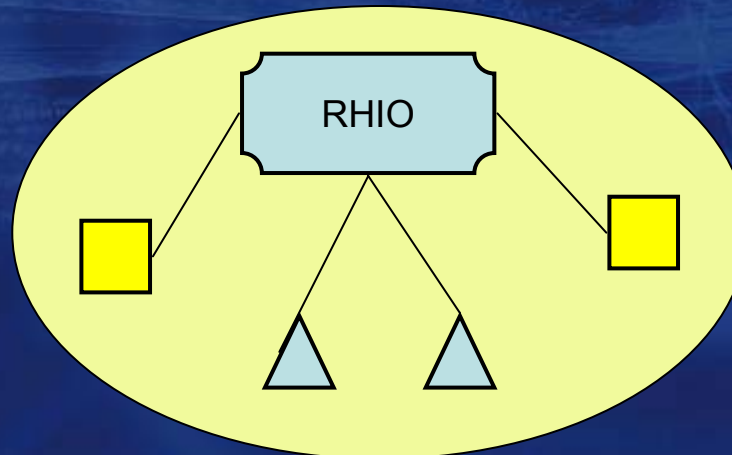


Use rules set by network operator

Hospital  
State  
LT Care

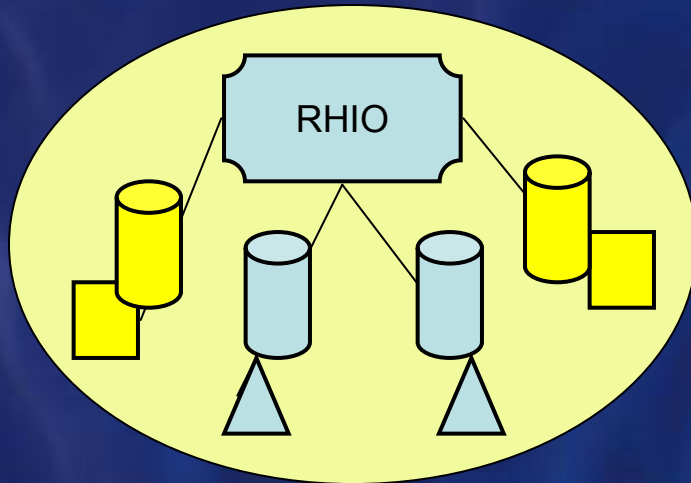


Use rules set by hub

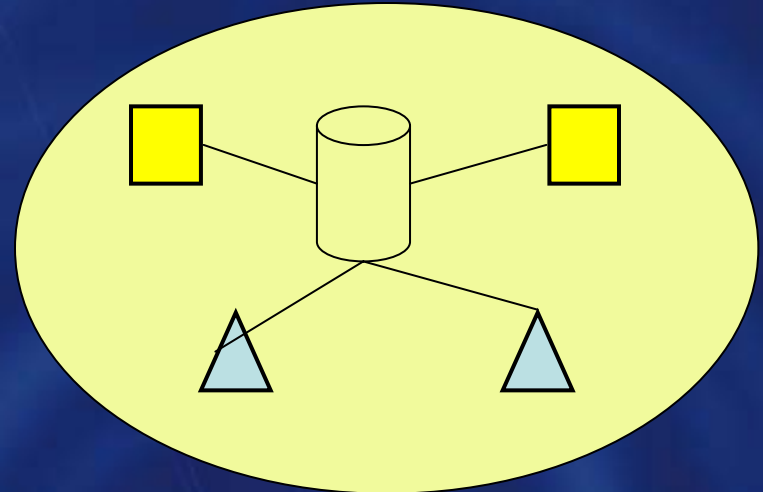


Use rules set by advisory board

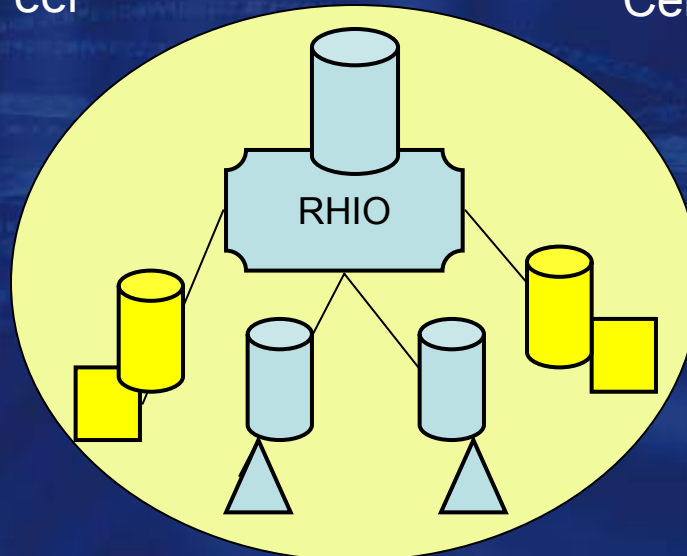
# HI Network Architecture Choice



Peer to Peer



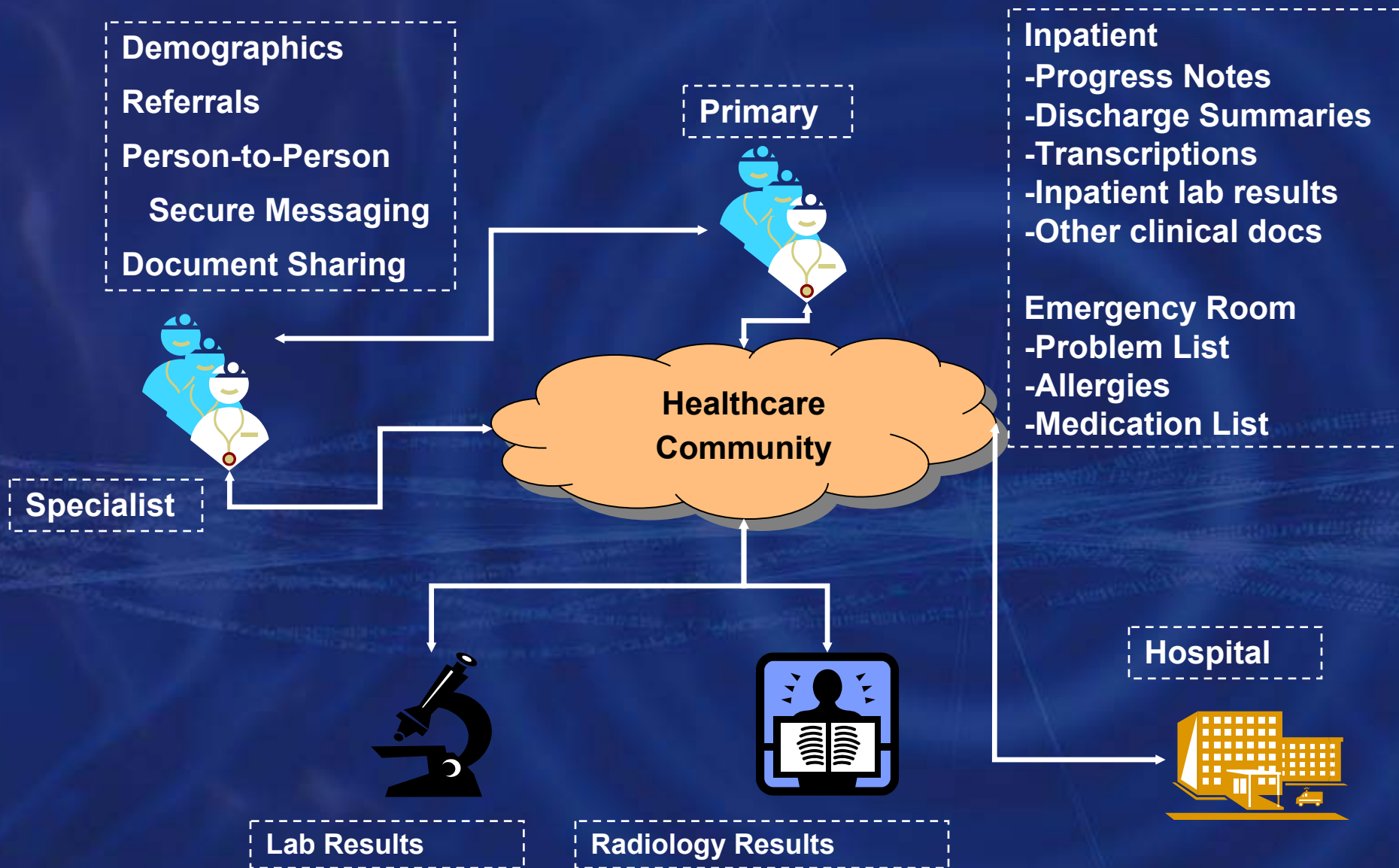
Central Data Repository



Hybrid



# Clinical Collaboration Begins Here



# Recommendation: Privacy & Security

- HIPAA and WA state laws permit data sharing for treatment purposes
- Providers only:
  - Unhindered access to protected health information
  - Trust, but verify compliance to policies
- Other stakeholders:
  - Controlled access permissible under law with appropriate patient permission
- Provide patients the ability to exclude themselves

# Recommendation : Architecture

- Let applications drive central or distributed model
- Should not require a national patient identifier
- Integrate with existing IT investments in systems
- Incrementally enhanceable
- Leverage existing standards and contribute to new standards areas



# Keys to Success

- Business Model
  - Open market driven
  - Sustainable and not dependent on Government grants
  - Low upfront cost with a monthly service fee
- Implementation approach
  - Product approach
    - Repeatable and Affordable
  - Incremental
    - Reduce risk of failure
    - Hedge against obsolescence of technology and standards

# HU - Peer-to-peer Services

## OUT OF THE BOX SUPPORT FOR:

- Demographics exchange
- Emergency data exchange
  - Problem list, Allergies, Medications history
- Person-to-person secure messaging
- Electronic Referral
- Document sharing (Microsoft Office)
- Results delivery
  - Lab and radiology
- Inpatient data
  - Progress notes, discharge summaries

The image features a solid yellow horizontal bar at the top. The background is a deep blue with a complex pattern of concentric circles and intersecting lines, creating a sense of depth and movement. The word "DEMO" is centered in the middle of the image in a white, bold, sans-serif font.

DEMO

# Demo Scenarios

- Sandra Jones is a resident of Issaquah
- Sandra had a minor accident and hurt her wrist
- Sandra gets a same-day appointment to see Dr. Jacobson a Primary Care Physician (PCP)/Internist
- Dr. Jacobson prescribes a painkiller and refers Sandra to Dr. Castle for further treatment

# Demo Scenarios

- HealthUnity Demo
  - How can Dr. Castle receive an electronic referral?
  - How can Dr. Castle's office speed up the check-in process for Sandra?
  - How can Dr. Castle get access to Sandra's medical history?
  - How can Dr. Castle report back to Dr. Jacobson informing her about the treatment prescribed to Sandra?



# Deployment Timelines

- Proof-of-concept (POC) deployment
  - 4 Weeks
- Production Pilot (with full integration)
  - 8 Weeks
- Full deployment
  - Begin after 8 Weeks
  - Complete in 1 to 2 years depending on the velocity desired

# Mapping to HIIAB Goals

- HIIAB Goals:
  - Achievable
  - Consumer/User centered
  - Incremental
  - Ensure Security and Privacy
  - Process is inclusive and collaborative
  - Alignment of incentives



# Q & A